

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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NEM

In re the Application of

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Application No.: New U.S. Patent Application

Filed: February 26, 2002

Docket No.: 112046

For: NANOWIRE, METHOD FOR PRODUCING THE NANOWIRE, NANONETWORK  
USING THE NANOWIRES, METHOD FOR PRODUCING THE NANONETWORK,  
CARBON STRUCTURE USING THE NANOWIRE, AND ELECTRONIC DEVICE  
USING THE NANOWIRE

PRELIMINARY AMENDMENT

Director of the U.S. Patent and Trademark Office  
Washington, D. C. 20231

Sir:

Prior to initial examination, please amend the above-identified application as follows:

IN THE CLAIMS:

Please replace claims 6 and 10-12 as follows:

a1 6. (Amended) The nanowire according to claim 1, wherein the functional layer has semiconductor properties.

10. (Amended) The nanowire according to claim 1, wherein a predetermined material is incorporated into a hollow tubular portion of the carbon nanotube forming the core portion.

a2 11. (Amended) The nanowire according to claim 1, wherein the carbon nanotube forming the core portion has a structure showing semiconductor properties.